1 3 (("224101") or ("260741") or ("400707") - 19 (("255683") or ("2763573") or ("2907677") - 19 (("255683") or ("285631") or ("285631") or ("4681263") - 1462630" ("468122") or ("4788088") or ("4984002") - 1462630" ("468122") or ("4788088") or ("4984002") - 1 ("5494505") N. ("5497548") or ("54975402") - 1 ("5498505") N. ("5497548") or ("54975402") - 1 ("5498505") N. ("5497548") or ("5539027") - 1 ("5497548") Or ("5497548") or ("5539027") - 1 ("5497548") ("5497594") ("5539027") - 1 ("5497548") ("5497594") ("5539027") - 1 ("5497548") ("5497594") ("5539027") - 1 ("5497595") N. ("5539027") - 1 ("5497595") N. ("5539027") - 1 ("5497595") N. ("5539027") - 1 ("64975195") N. ("5497544") ("5497544") - 1 ("649759597") N. ("5497544") ("5497544") - 1 ("6497597") N. ("5497544") ("5497544"	L Number	Hits	Search Text	DB	Time stamp
("450399")), FN. 2003/02/04 15:01					
19	-	J			
or ("298450") or ("3985980") or ("4128369") or ("4482063") or ("4514449") or ("4984402") or ("4681722") or ("4786088") or ("4593402") or ("512200") or ("5333336") or ("5739027") - ("6" ("512200") or ("5333336") or ("5539027") - ("6" ("512200") or ("5333336") or ("5539027") - ("6" ("512200") or ("5333336") or ("5539027") - ("6" ("512200") or ("5339336") or ("5539027") - ("6" ("512200") or ("5339336") or ("5539027") - ("6" ("608752") .PN ("794850") .PN ("294850") ("2956917" ("3493461") - ("394850") ("2956917" ("3493461") - ("394850") ("395991" ("393336") or ("533936") - ("4123160") .PN ("4123160") .PN ("4123160") .PN ("4123160") .PN ("4123160") .PN ("4769199") .P	_	19	, , , , , , , , , , , , , , , , , , , ,	USPAT	2003/02/04 15:01
("3493461") or ("339896") or ("4128369") or ("4492063") or ("4590808") or ("4998402") or ("5132070") or ("5393535") or ("579961") or ("5132070") or ("539536") or ("579962") - 1 or ("779961") or ("5397534") or ("5539027") - 2 or ("579961") or ("5397534") or ("5539027") - 3 or ("579961") or ("5397534") or ("5539027") - 4 or ("579961") or ("5397534") or ("5539027") - 5 or ("5491951") or ("5295917" "32901677" USPAT 2001/12/11 13:51 - 2 ("2556888" "4128369" "44920630" "44920630" "			or ("2984950") or ("2956917") or		
("4681722") or ("4789088") or ("498402")			("3493461") or ("3895896") or ("4128369")		
or ("5132070") or ("5393536") or ("5539027") or ("579954")).PN. 19 ("579954")).PN. 19 ("255698") ! "2763573" "2907677" USPAT 2001/12/11 13:54 201/12/11 13:51 201/12/11 1			or ("4492063") or ("4514449") or		
("5491951") or ("549754") or ("5539027") or ("5779961"), P.N.					
or ("5779661")).PN. 1 ("9548505") "2763573" "2907677" USPAT 2001/12/11 13:51 2948950" "4128369" "4492063" "4920630" "4					
- 1 ("9948505"), PN.					
- 19 ("2556885" "2763572" "290677"		_			
"2948950" "2956917" "3493461"	-		· ·		
"3895896" "4128169" "4788088" "4984402" "5132070" "5393536" "5491951" "5497594" "5539027" "5779961").PN. 2 (giuseppe adj puppin).in. and hing\$4 1 ("4128169").PN. 3 (12948950").PN. 3 (12948950").PN. 4 ("4769199").PN. 5 (12948950").PN. 5 (1274180").PN. 5 (12748950").PN. 5 (127489509").PN. 5 (12748	-	. 19		USPAT	2001/12/11 13:51
"4514449" "4691722" "478088" "494402" "5132070" "539356" "5491551" "5497594" "5539027" "5779961"), PN. 2 (giuseppe adj puppin).in. and hing\$4					
"498402" "5132070" "5539336" "5491951" "5497594" "5539027" "5779961").PN. (giuseppe adj puppin).in. and hing\$4 1 ("4128369").PN. 1 ("47284950").PN. 1 ("4769199").PN. 1 ("4769199").PN. 1 ("4769199").PN. 2 (giuseppe adj puppin).in. and hing\$4 1 ("4769199").PN. 2 (277123" "4357433" "420043" USPAT 2001/12/11 16:34 "4277123" "4391303" "4463046" "4596098").PN. 1 0 4769199.URPN. 2 (1334182" "4157413" "4209043" USPAT 2001/12/11 16:34 "4391303").PN. 1 0 4463046.URPN. 2 (13354182" "4157413" "4209043" USPAT 2001/12/11 16:34 "4391303").PN. 1 0 4463046.URPN. 2 (13767422" "3776899" "3776494" USPAT 2001/12/11 16:45 "3900550" "3937447" "3953560" "3900550" "3900550" "390447" "3953560" "3900550" "3937447" "3953560" "3900550" "3937447" "3953560" "3900550" "3937447" "3953560" "3900550" "3937447" "3953560" "3900550" "3937447" "3953560" "3900550" "3937447" "3953560" "3900550" "3937447" "32642981" USPAT 2001/12/11 16:45 2 6 ("224101" "2382177" "2526129" USPAT 2001/12/11 16:47 "3262620" "43376995" "3727986" "3727			· · · · · · · · · · · · · · · · · · ·		
"5491591" "5497594" "5539027" "5797961") PN. (giuseppe adj puppin).in. and hing\$4 1 ("4128369"). PN. 1 ("4128369"). PN. 1 ("4769199"). PN. 1 ("4769199"). PN. 1 ("4769199"). PN. 1 ("469199. PN. 1 ("46919. PN. 1 ("46919. PN. 1 ("469199. PN. 1 ("46919. PN. 1 ("					
1					
- 2 (giuseppe adj pupin) in. and hing\$4 USPAT 2001/12/11 14:13 - 1 ("1218369").PN.					
- 1 ("2123659", FN. USPAT 2001/12/11 14:30 - 1 ("2748950"), FN. USPAT 2001/12/11 14:31 - 1 ("4769199"), FN. USPAT 2001/12/11 16:34 - 1 ("4769199"), FN. USPAT 2001/12/11 16:35 - 1 ("4576199"), FN. USPAT 2001/12/11 16:35 - 1 ("3634182" "4157413" "4209043" USPAT 2001/12/11 16:36 - 1 ("3634182" "4157413" "4209043" USPAT 2001/12/11 16:36 - 1 ("3634182" "4157413" "4209043" USPAT 2001/12/11 16:36 - 1 ("3634182" "4157413" "4209043" USPAT 2001/12/11 16:46 - 1 ("3654161" "3222437" "3731449" USPAT 2001/12/11 16:46 - 1 ("3058161" "3397449" "3957669" "3976494" "3959055" "3937449" USPAT 2001/12/11 16:45 - 39900550" "3397449" "3993560" "39580500" "39580500" "39580500" "3958050" "39580500" "39580500" "39580500" "39580500" "39580500" "39580500" "39580500" "39580500" "39580500" "39	_	2		USPAT	2001/12/11 14:15
- 1 ("2948950").PN.	_				
- 1 ("4769199"), PN. 7 ("3634182" "4157413" "4209043" USPAT 2001/12/11 16:35 "4277123" "4391303" "4463046" USPAT 2001/12/11 16:35 "42791038"), PN 10 4769199, URPN 10 4463046, URPN 11 ("3058161" "3222437" "3731449" USPAT 2001/12/11 16:44 "3990055" "3974742" "3776989" "3876494" USPAT 2001/12/11 16:45 "39900550" "39374474" "395606" "3958051" "4097571"), PN 26 ("2241101" "2382177" "2256129" USPAT 2001/12/11 16:47 "326920" "33788955" "3727386" "3229081" "3226920" "3378895" "3727386" "3229081" "3226920" "3378895" "3727386" "3269200" "3378895" "3727386" "3289081" "4282704" "44526528" "4584672" "4586820" "4921563" "5181371" "5826304" "6017477"), PN 24 ("3354248" "3504063" "3640546" USPAT 2001/12/11 16:51 "3991005" "4157883" "4246213" "4246303" "4623503" "47691999" "4885800" "4921563" "5181371" "5183288" "4246303" "47691999" "4885800" "4921563" "5181371" "5183288" "4246303" "47691999" "4885800" "4921563" "5181371" "51813813" "508210" "51813818" "508210	_		'	l .	
-	_			USPAT	2001/12/11 16:34
- 10 4769199 'LPN 10 4769199 'LPN 10 4769199 'LPN 10 4769199 'LPN 11 ("3634182" "4157413" "4209043" USPAT 2001/12/11 16:43 - 10 4463046.URPN 11 ("3058161" "3222437" "3731449" USPAT 2001/12/11 16:44 - 11 ("3058161" "3222437" "3756494" - "3900550" "3337447" "39535560" - "39958053" "4097571").PN 8 4157413.URPN 26 ("224110" "2382177" "2526129" USPAT 2001/12/11 16:46 - "2522411" "2607411" "2829081" - "2522411" "2607411" "2829081" - "2522411" "2607411" "2829081" - "2522411" "4658472" "4769199" - "4885820" "49121563" "5181371" - "5826304" "6017477").PN 24 ("3354249" "3504063" "4465828" - "4336362" "4658472" "4769199" - "48685820" "4925151" "4586381" - "5826304" "6017477").PN 24 ("3354249" "3504063" "4562025" - "46235031" "4157883" "4246213" - "4246303" "4335068" "4562025" - "46835630" "4925151" "4935184" - "5183288" "2815700" "5234653").PN 8 466412.URPN 40 2829081.URPN 40 2829081.URPN 5183288" "5073318" "5082310" - "5183288" "5215700" "5234653").PN 40 2829081.URPN 18 466412.URPN 29 1 181649 - 18283 - 18169 - 18169 - 181649	-	7	("3634182" "4157413" "4209043"	USPAT	2001/12/11 16:35
- 10 4769199.URPN. USPAT 2001/12/11 16:36 (*2*634182*) "4157413* "4209043* USPAT 2001/12/11 16:36 USPAT 2001/12/11 16:44 USPAT 2001/12/11 16:44 USPAT 2001/12/11 16:45 USPAT 2001/12/11 16:45 USPAT "376742* "3776989* "3876494* USPAT 2001/12/11 16:45 "3900550* "3937447* "3935360* USPAT 2001/12/11 16:45 USPAT "3900550* "4097571*).PN. USPAT 2001/12/11 16:46 USPAT "3580653* "4097571*).PN. USPAT 2001/12/11 16:47 "2526129* USPAT 2001/12/11 16:47 "2526129* USPAT 2001/12/11 16:47 "2526129* USPAT 2001/12/11 16:47 "3326920* "3378995* "3727386* USPAT 2001/12/11 16:47 "3326920* "4336636* "4658472* "4769199* "4885200* "4921553* "5181371* "5338130* "5339376* "5447021* USPAT 2001/12/11 16:51 "3538130* "5398376* "5447021* USPAT 2001/12/11 16:51 "4895690* "4921553* "5181371* USPAT 2001/12/11 16:51 "4895690* "4921553* "5181371* USPAT 2001/12/11 16:51 "4985630* "4623533* "4766025* "4769199* "4246333* "4335068* "4562025* "47895690* "4925151* "4935184* USPAT 2001/12/11 16:54 USPAT 2001/12/11 16:54 USPAT 2001/12/11 16:55 USPAT 2001/12/11 16:54 USPAT 2001/12/11 16:55 USPAT 2001/12/11 16:56 USPAT 2001/12/11 16:56 USPAT 2001/12/11 17:05 USPA					
- 4 ("3634312" "4157413" "4209043" USPAT 2001/12/11 16:43 - 10 4463046.URPN.	ļ		,		
- 10 4463046.URPN.	1 -				· · ·
- 10	ļ -	4		USPAT	2001/12/11 16:43
11				HODDE	0001/10/11 16 11
"33767742" "3376889" "3876494" "3990550" "3937447" "3953560" "3958053" "4097571").PN.	-				
"3900550" "3937447" "3953560" "3958053" "4097571").PN. 26 ("2241101" "2382177" "2526129" USPAT 2001/12/11 16:46 "2592411" "2607411" "23829081" "3226920" "3378995" "3727386" "4282704" "4438605" "4241567" "4282704" "4438605" "4256528" "4536362" "4658472" "4769199" "4885820" "4921563" "5181371" "53838130" "5398376" "5447021" . "5826304" "6017477").PN. -	-	11		USPAT	2001/12/11 16:45
]				
- 8 4157413.URPN. USPAT 2001/12/11 16:46 26 ("2241101" "2382177" "2526129" USPAT 2001/12/11 16:47 "2522411" "2607411" "2829081" USPAT 2001/12/11 16:47 "3226920" "3378995" "327386" "3279579" "40302277" "4241567" "4241567" "4282704" "4438605" "4526528" "4536362" "4658472" "4769199" "5826304" "6017477") PN. USPAT 2001/12/11 16:51 "5338130" "5398376" "514171" USPAT 2001/12/11 16:51 "5826304" "6017477") PN. USPAT 2001/12/11 16:51 "4246303" "435068" "4246213" "4246303" "435068" "4562025" "4623503" "4768025" "4769199" "47680298" "4808630" "4886630" "4886690" "4925151" "4985184" "5513288" "5515700" "5234653") PN. USPAT 2001/12/11 16:54 "5183288" "5215700" "5234653") PN. USPAT 2001/12/11 16:55 "3481073" "3599702" "3628626") PN. USPAT 2001/12/11 16:58 "409639, URPN. USPAT 2001/12/11 16:58 "409639, URPN. USPAT 2001/12/11 16:59 "382138 fiber or fabric USPAT 2001/12/11 17:00 USPAT					
- 26	_	Я	·	USPAT	2001/12/11 16:46
"2592411" "2607411" "2829081" "326920" "3378995" "3727386" "326920" "4030277" "4241567" "4282704" "4438605" "4526528" "4536362" "4658472" "4769199" "4885820" "4921563" "5181371" "5386304" "6017477").PN. 0 6207092.URPN. 24 ("3354249" "3504063" "3640546" USPAT 2001/12/11 16:51 "339105" "4157883" "4246213" "4246303" "4335068" "4562025" "4623503" "4766025" "4769199" "4783298" "4803031" "4886630" "4895690" "4925151" "4935184" "50593611" "5073318" "5082310" "5183288" "5215700" "5234653").PN. 4 0 2829081 URPN. 4 0 2829081 URPN. 5 13481073" "3599702" "3628626").PN. 4 0 40 40 40 40 40 40 40 40 40 40 40 40	_				1 1
"326920" "3378995" "327386" "3799579" "4030277" "4241567" "4282704" "4436605" "4526528" "4536362" "4658472" "4769199" "885820" "4921563" "5181371" "5338130" "5398376" "5447021" "5338130" "5398376" "5447021" "5336304" "6017477").PN. 0 6207092.URPN. 24 ("3354249" "3504063" "3640546" USPAT 2001/12/11 16:51 "4246303" "43576883" "4246213" "4246303" "43576883" "4246213" "42463303" "4766025" "4769199" "4783298" "4803031" "4886630" "4995600" "4925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN. 40 2829081.URPN. - 8 5466412.URPN 6 ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:58 "3481073" "3599702" "3628626").PN. - 1 181649 hing\$4 - 1 201/12/11 17:26 382138 fiber or fabric - 1 181649 hing\$4 - 24691 hing\$4 and (fiber or fabric)) and glass - 24691 hing\$4 and (fiber or fabric)) and glass - 1 4094647 (fiber or fabric) same glass - 1 4294 hing\$4 and ((fiber or fabric)) same glass - 1 4294 hing\$4 and ((fiber or fabric)) same glass - 1 28253 hinge - 1 28253 hinge - 1 28253 hinge - 1 28253 hinge - 1 2001/12/11 17:27					
"3799579" "4030277" "4241567"			f i		
"4536362" "452163" "4769199" "488820" "4921563" "5181371" "5338130" "5398376" "5447021" . "5826304" "6017477").PN. - 0 6207092.URPN 24 ("3354249" "3504063" "3640546" USPAT 2001/12/11 16:51 "3991005" "4157883" "4246213" "4246303" "4335068" "4562025" "4783298" "4803031" "4886630" "4895690" "42925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN. - 8 5466412.URPN 40 2829081" "2903055" "3242972" USPAT 2001/12/11 16:54 - 6 ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:58 "3481073" "3599702" "3628626").PN 8 4095639.URPN 181649 hing\$4 - 382138 fiber or fabric USPAT 2001/12/11 17:03 - 181649 hing\$4 and (fiber or fabric) USPAT 2001/12/11 17:03 - 6455 (hing\$4 and (fiber or fabric)) and glass USPAT 2001/12/11 17:03 - 94647 (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:27					
"4885820" "4921563" "5181371" "5338130" "5398376" "5447021" "5826304" "6017477").PN. 0 6207092.URPN. 24 ("3354249" "3504063" "3640546" USPAT 2001/12/11 16:51 "4246303" "4355068" "4562025" "4623503" "4766025" "4769199" "4783298" "4803031" "4886630" "4895690" "4925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN. 40 2829081.URPN. 540 ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:58 "3481073" "3599702" "3628626").PN. 8 4095639.URPN. 4 4095639.URPN. 5 hing\$4) hing\$4 hing\$4 hing\$4 hing\$4 hing\$4 hing\$4 and (fiber or fabric) (hing\$4 and (fiber or fabric)) and glass) and polyvinyl 94647 (fiber or fabric) same glass) L28253 hinge 128253 hinge 15001/12/11 17:27 16284 USPAT 2001/12/11 17:03 128253 hinge 128253 hinge 150172/11 17:27 17:27					
"5338130" "5398376" "5447021" . "5826304" "6017477").PN. 0 6207092.URPN. ("3354249" "3504063" "3640546" USPAT 2001/12/11 16:51 24 ("3354249" "3504063" "4246213" "4246303" "4766025" "4769199" "4783298" "4803031" "486630" "4895690" "4925151" "4935184" "5089361" "50893318" "5082310" "5183288" "5215700" "5234653").PN. 40 2829081.URPN. ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:58 340 2829081.URPN. USPAT 2001/12/11 16:59 USPAT 2001/12/11 16:59 USPAT 2001/12/11 16:59 USPAT 2001/12/11 16:59 USPAT 2001/12/11 17:00 USPAT 2001/12/11 17:00 USPAT 2001/12/11 17:00 USPAT 2001/12/11 17:00 USPAT 2001/12/11 17:01 USPAT 2001/12/11 17:03			• • • • • • • • • • • • • • • • • • • •		
- 0 6207092.URPN. USPAT 2001/12/11 16:51 24 ("3354249" "3504063" "3640546" USPAT 2001/12/11 16:51					
- 0 6207092.URPN. 2001/12/11 16:51 - 24 ("3354249" "3504063" "3640546" USPAT 2001/12/11 16:51 - 3991005" "4157883" "4246213" "4246303" "4246303" "4766025" "4769199" "4783298" "4893690" "4925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN 8 5466412.URPN. 2829081 "2903055" "3242972" USPAT 2001/12/11 16:58 - ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:58 - ("2829081" "25903055" "3242972" USPAT 2001/12/11 16:58 - 340 283081.URPN. USPAT 2001/12/11 16:58 - 341073" "3599702" "3628626").PN 8 4095639.URPN. USPAT 2001/12/11 16:59 - 2 hing\$4 USPAT 2001/12/11 17:00 - 181649 hing\$4 USPAT 2001/12/11 17:00 - 181649 hing\$4 and (fiber or fabric) USPAT 2001/12/11 17:01 - 6455 (hing\$4 and (fiber or fabric)) and glass USPAT 2001/12/11 17:01 - 6455 (hing\$4 and (fiber or fabric)) and glass USPAT 2001/12/11 17:03 - and polyvinyl - 94647 (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:07 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:07 - 4294 hing\$4 and (fiber or fabric) same glass USPAT 2001/12/11 17:07					
- 24 ("3354249" "3504063" "3640546" USPAT		^	i · · · · · · · · · · · · · · · · · · ·	HCDATE.	2001/12/11 16.51
"3991005" "4157883" "4246213" "4246303" "4335068" "4562025" "4623503" "4766025" "4769199" "4783298" "4803031" "489630" "4895690" "4925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN. -	-	_			
"4246303" "4335068" "4562025" "4623503" "4766025" "4769199" "4783298" "4806303" "4886630" "4895690" "4925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN. 8 5466412.URPN. 40 2829081.URPN. 6 ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:58 "3481073" "3599702" "3628626").PN. 8 4095639.URPN. 101944 USPAT 2001/12/11 17:00 181649 hing\$4 USPAT 2001/12/11 17:00 181649 hing\$4 USPAT 2001/12/11 17:26 1824691 hing\$4 and (fiber or fabric) USPAT 2001/12/11 17:01 18451 Giber or fabric USPAT 2001/12/11 17:01 18562 USPAT 2001/12/11 17:01 18563 ((hing\$4 and (fiber or fabric)) and glass USPAT 2001/12/11 17:03 18561 Giber or fabric) Same glass USPAT 2001/12/11 17:03 18253 hinge USPAT 2001/12/11 17:05 128253 hinge USPAT 2001/12/11 17:05 128253 Giber or fabric) Same glass USPAT 2001/12/11 17:05 128253 Hinge USPAT 2001/12/11 17:05 128253 USPAT 2001/12/11 17:05 128253 Hinge USPAT 2001/12/11 17:05	-	24		JULAI	2001/12/11 10.31
"4623503" "4766025" "4769199" "4783298" "4803031" "4886630" "4895690" "4925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN. 8 5466412.URPN. 40 2829081.URPN. 6 ("2829081 "2903055" "3242972" USPAT 2001/12/11 16:58 40 3481073" "3599702" "3628626").PN. 8 4095639.URPN. 9 4095639.URPN. 181649 hing\$4 1 USPAT 2001/12/11 17:00 181649 hing\$4 1 USPAT 2001/12/11 17:26 182138 fiber or fabric USPAT 2001/12/11 17:01 181649 hing\$4 and (fiber or fabric) USPAT 2001/12/11 17:01 181649 hing\$4 and (fiber or fabric) USPAT 2001/12/11 17:03 18407 USPAT 2001/12/11 17:03 18407 USPAT 2001/12/11 17:03 18507 USPAT 2001/12/11 17:03 18508 USPAT 2001/12/11 17:03					
"4783298" "4803031" "4886630" "4895690" "4925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN. -					
"4895690" "4925151" "4935184" "5059361" "5073318" "5082310" "5183288" "5215700" "5234653").PN. 8					
- 8 5183288" "5215700" "5234653").PN 40 2829081.URPN 6 ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:58 - 8 4095639.URPN 8 4095639.URPN 2 hing\$4] - 181649 hing\$4 - 382138 fiber or fabric hing\$4 and (fiber or fabric)) and glass (hing\$4 and (fiber or fabric)) and glass) - 618 (hing\$4 and (fiber or fabric)) and glass) - 94647 (fiber or fabric) same glass) - 4294 hing\$4 and (fiber or fabric) same glass) - 128253 hinge - 3661 (fiber or fabric) same hinge - 128253 hinge - 3661 (fiber or fabric) same hinge - 128253 hinge - 3661 (fiber or fabric) same hinge - 128253 hinge - 3661 (fiber or fabric) same hinge - 128253 hinge - 128253 hinge - 128253 hinge - 128253 hinge - 128254 hinge - 128256 hinge - 128256 hinge - 128257 hinge - 128257 hinge - 128258 hinge -				•	
- 8 5466412.URPN. USPAT 2001/12/11 16:53 40 2829081.URPN. USPAT USPAT 2001/12/11 16:54 2001/12/11 16:54 USPAT USPAT 2001/12/11 16:58 USPAT USPAT 2001/12/11 16:58 USPAT 2001/12/11 16:59 USPAT 2001/12/11 17:00 USPAT 2001/12/11 17:00 USPAT 2001/12/11 17:00 USPAT 2001/12/11 17:00 USPAT 2001/12/11 17:26 USPAT 2001/12/11 17:26 USPAT 2001/12/11 17:01 USPAT 2001/12/11 17:01 USPAT 2001/12/11 17:01 USPAT 2001/12/11 17:03 USPAT 2001/12/11 17:05 USPAT 2001/12/11 17:27					
- 40 2829081.URPN. ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:54 2001/12/11 16:58 2001/12/11 16:58 2001/12/11 16:58 2001/12/11 16:58 2001/12/11 16:58 2001/12/11 16:59 2001/12/11 17:00 2001/12/11 17:00 2001/12/11 17:00 2001/12/11 17:00 2001/12/11 17:26 2001/12/11 17:26 2001/12/11 17:26 2001/12/11 17:01 2001/12/11 17:01 2001/12/11 17:01 2001/12/11 17:01 2001/12/11 17:01 2001/12/11 17:01 2001/12/11 17:03 2001/12/11 17:03 2001/12/11 17:03 2001/12/11 17:03 2001/12/11 17:03 2001/12/11 17:05 2001/12/11 17:05 2001/12/11 17:05 2001/12/11 17:05 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27 2001/12/11 17:27			"5183288" "5215700" "5234653").PN.		
- 6 ("2829081" "2903055" "3242972" USPAT 2001/12/11 16:58 "3481073" "3599702" "3628626").PN. 4095639.URPN. hing\$4	-				
"3481073" "3599702" "3628626").PN. 4095639.URPN. hing\$4\ hing\$4\ hing\$4 fiber or fabric hing\$4 and (fiber or fabric)) and glass ((hing\$4 and (fiber or fabric)) and glass) and polyvinyl 94647 fiber or fabric) same glass hing\$4 hing\$4 and ((fiber or fabric)) same glass) hing\$4 hing\$4 and ((fiber or fabric)) same glass) hing\$4 hing\$4 and ((fiber or fabric)) same glass) USPAT USP	-			i	
- 8 4095639.URPN.	-	6		USPAT	2001/12/11 16:58
- 2 hing\$4} hing\$4 hing\$4 - 382138 fiber or fabric - 24691 hing\$4 and (fiber or fabric) - 6455 (hing\$4 and (fiber or fabric)) and glass - (hing\$4 and (fiber or fabric)) and glass) - (hing\$4 and (fiber or fabric)) and glass - (hing\$4 and (fiber or fabric)) and glas		-		HCDAM	2001/10/11 16:50
- 181649 hing\$4 - 382138 fiber or fabric USPAT 2001/12/11 17:26 - 24691 hing\$4 and (fiber or fabric) USPAT 2001/12/11 17:01 - 6455 (hing\$4 and (fiber or fabric)) and glass USPAT 2001/12/11 17:03 - 618 ((hing\$4 and (fiber or fabric)) and glass) USPAT 2001/12/11 17:03 - and polyvinyl USPAT 2001/12/11 17:03 - 94647 (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and ((fiber or fabric) same glass) USPAT 2001/12/11 17:05 - 128253 hinge USPAT 2001/12/11 17:27 - 3661 (fiber or fabric) same hinge USPAT 2001/12/11 17:27	-				
- 382138 fiber or fabric	_				
- 24691 hing\$4 and (fiber or fabric) USPAT 2001/12/11 17:01 (hing\$4 and (fiber or fabric)) and glass USPAT 2001/12/11 17:03 (hing\$4 and (fiber or fabric)) and glass) USPAT 2001/12/11 17:03 and polyvinyl (fiber or fabric) same glass USPAT 2001/12/11 17:03 4294 hing\$4 and ((fiber or fabric) same glass) USPAT 2001/12/11 17:05 128253 hinge USPAT 2001/12/11 17:27 3661 (fiber or fabric) same hinge USPAT 2001/12/11 17:27	_			1	
- 6455 (hing\$4 and (fiber or fabric)) and glass USPAT 2001/12/11 17:03 (hing\$4 and (fiber or fabric)) and glass USPAT 2001/12/11 17:03 and polyvinyl (fiber or fabric) same glass USPAT 2001/12/11 17:03 4294 hing\$4 and ((fiber or fabric) same glass) USPAT 2001/12/11 17:05 128253 hinge USPAT 2001/12/11 17:27 3661 (fiber or fabric) same hinge USPAT 2001/12/11 17:27	<u>_</u>			1	
- 618 ((hing\$4 and (fiber or fabric)) and glass) USPAT 2001/12/11 17:03 and polyvinyl USPAT 2001/12/11 17:03 - 94647 (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and ((fiber or fabric) same glass) USPAT 2001/12/11 17:05 - 128253 hinge USPAT 2001/12/11 17:27 - 3661 (fiber or fabric) same hinge USPAT 2001/12/11 17:27	_			1	
and polyvinyl - 94647 (fiber or fabric) same glass - 4294 hing\$4 and ((fiber or fabric) same glass) - 128253 hinge - 3661 (fiber or fabric) same hinge and polyvinyl USPAT 2001/12/11 17:05 USPAT 2001/12/11 17:27 USPAT 2001/12/11 17:27	_				
- 94647 (fiber or fabric) same glass USPAT 2001/12/11 17:03 - 4294 hing\$4 and ((fiber or fabric) same glass) USPAT 2001/12/11 17:05 - 128253 hinge USPAT 2001/12/11 17:27 - 3661 (fiber or fabric) same hinge USPAT 2001/12/11 17:27		525			
- 4294 hing\$4 and ((fiber or fabric) same glass) USPAT 2001/12/11 17:05 - 128253 hinge USPAT 2001/12/11 17:27 - 3661 (fiber or fabric) same hinge USPAT 2001/12/11 17:27	_	94647		USPAT	2001/12/11 17:03
- 128253 hinge	-				
	-	128253	hinge	i i	2001/12/11 17:27
- 362 ((fiber or fabric) same hinge) same glass USPAT 2001/12/11 17:28	-				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	362	((fiber or fabric) same hinge) same glass	USPAT	2001/12/11 17:28

-	8	("2934372" "3733102" "4065885"	USPAT	2001/12/11 17:40
		"5041318" "5320403" "5403063"		
		"5472290" "5706624").PN.		
	0	6095715.URPN.	USPAT	2001/12/11 17:41
-				2001/12/11 17:41
-	17	("0884067" "2025926" "2560493"	USPAT	2001/12/11 17:41
		"2719804" "2750030" "2906657"		
		"3073734" "3192097" "3391050"		
		"3996705" "4551375" "4741571"		
		"4761916" "4778215" "4799727"		
		"4885820" "5015028").PN.		
	12	5050663.URPN.	USPAT	2001/12/11 17:43
-				2001/12/11 17:44
-	8	("1719440" "4648734" "4758458"	USPAT	2001/12/11 17:44
		"5357729" "5484634" "5542230"		
	+	"5586423" "5640811").PN.		
 -	6	"2552018" or "1704377"	EPO; JPO;	2001/12/11 18:15
			DERWENT	
_	1	"1704377"	EPO; JPO;	2001/12/11 18:15
	_	1,013,,	DERWENT	2001/12/11 10/10
	202200	<u></u>		2001/12/12 11.10
_	303302	fenestration or window or door	USPAT	2001/12/12 11:10
-	169916	hinge or hinged	USPAT	2001/12/12 11:11
] -	382138	fiber or fabric	USPAT	2002/05/14 12:58
-	6688	(fenestration or window or door) and	USPAT	2001/12/12 11:11
1	1	(hinge or hinged) and (fiber or fabric)		1
1_	5007	(hinge or hinged) same (fiber or fabric)	USPAT	2001/12/12 11:12
	1		USPAT	2001/12/12 11:12
-	1360	((hinge or hinged) same (fiber or fabric))	USPAT	2001/12/12 11:13
		and (fenestration or window or door)		
-	2169	(hinge or hinged) with (fiber or fabric)	USPAT	2001/12/12 11:15
-	553	((hinge or hinged) with (fiber or fabric))	USPAT	2001/12/12 11:13
İ	1	and (fenestration or window or door)		
-	689	(hinge or hinged) near3 (fiber or fabric)	USPAT	2001/12/12 11:16
	190		USPAT	2001/12/12 11:16
-	190	(fenestration or window or door) and	USPAI	2001/12/12 11:16
		((hinge or hinged) near3 (fiber or	İ	
		fabric))		
-	1	("6294729").PN.	USPAT	2001/12/12 12:35
_	37	("2756468" "3277230" "3446906"	USPAT	2001/12/12 12:36
		"3502784" "3504095" "3512946"		
		"3700368" "3889043" "4399317"	ł	
+		"4434541" "4572921" "4857668"		:
		"4864076" "4900618" "4910072"		
		"5043528" "5070216" "5075037"		
		"5082734" "5120903" "5142101"		
1	1	"5275861" "5348574" "5393928"		
	1	"5458955" "5467254" "5483423"		
		"5511798" "5522602" "5569877"	1	
		"5600544" "5646369" "5656795"		1
		"5672844" "5679923" "5703762"		
		"5712449").PN.		
-	2	(("5997030") or ("6294729")).PN.	USPAT	2001/12/13 11:21
_	202		USPAT	2002/05/14 12:57
_	391544	fiber or fabric	USPAT	2002/05/14 12:58
_	17	(16/dig\$1"13".ccls.) and (fiber or fabric	USPAT	2002/05/14 12:59
1	1 '		1 OSERI	2002/03/14 12:39
		16/10/11/20 1-		2002/05/11 12 5:
-	202	16/d\$4"13".ccls.	USPAT	2002/05/14 13:24
-	26	3019486.URPN.	USPAT	2002/05/14 13:04
_	669	16/225	USPAT	2002/05/14 13:24
· _	35	(fiber or fabric) and 16/225.ccls.	USPAT	2002/05/14 13:25
_	- 11	("2687157" "3755031" "4060947"	USPAT	2002/05/14 13:28
	1 **	• = • • •	332.33	1002,00,14 15.20
		"4065539" "4189877" "4327474" "4327474"		
	1	"4391303" "5336460" "5463794"		
		"5762852" "5851467").PN.		
-	0	5945053.URPN.	USPAT	2002/05/14 13:29
_	368	16/225.ccls.	USPAT	2002/05/14 13:34
_	16	2607411.URPN.	USPAT	2002/05/14 13:40
_	106		USPAT	2002/05/15 08:13
	1		1	
-	207	· · · ·	USPAT	2002/05/15 08:50
-	237	(402/77).CCLS.	USPAT	2002/05/15 08:50
-	391544	fiber or fabric	USPAT	2002/05/15 09:14
_	4	((402/77).CCLS.) and (fiber or fabric)	USPAT	2002/05/15 08:53
-	1073	(fiber or fabric) near8 hinge\$1	USOCR	2002/05/15 10:50
_	644	(fiber or fabric) and hinge\$1 and plastic	EPO; JPO;	2002/05/15 10:53
1	044	(liber of fabric) and ningers and prastic	1	2002,03,13 10.33
	000001		DERWENT	0000/05/04 5 5 5 5
I -	238034	sill or jamb or track or sash	USPAT	2002/05/24 14:36

-	131091	hinge	USPAT	2002/05/24 14:36
l _	19858	(sill or jamb or track or sash) and hinge	USPAT	2002/05/24 14:36
<u> </u>	78377	glass near3 (fiber or fabric)	USPAT	2002/05/24 14:37
<u> </u>	96326	poly\$1vinyl\$1chloride\$1 or (poly\$1vinyl	USPAT	2002/05/24 14:37
-	96326		OSFAI	2002/03/24 14.3/
		adj chloride\$1) or PVC	tropam.	2002/05/24 14:20
-	69	((sill or jamb or track or sash) and	USPAT	2002/05/24 14:38
		hinge) and (glass near3 (fiber or fabric))		
		and (poly\$1vinyl\$1chloride\$1 or		
		(poly\$1vinyl adj chloride\$1) or PVC)		
-	4	("3313433" "3405410" "3528110"	USPAT	2002/05/24 14:51
	i	"3555573").PN.		
_	21	3683428.URPN.	USPAT	2002/05/24 14:51
_	11		USPAT	2003/01/29 13:19
_	1 **	or ("1990871") or ("2210652") or	ODIAL	2003/01/23 13:13
		("2222428") or ("2241101") or ("2242421")		
		or ("2321753") or ("2331512") or	1	
		("2507962")).PN.		
-	2	2331512.URPN.	USPAT	2003/01/29 13:27
-	17	2607411.URPN.	USPAT	2003/01/29 13:27
_	12	2241101.URPN.	USPAT	2003/01/29 13:29
_	13691	· ·	USPAT	2003/01/29 13:31
_	412575	fiber or fabric	USPAT	2003/01/29 13:50
l _	139344	thermoplastic	USPAT	2003/01/29 16:32
_			USPAT	2003/01/29 10:32
_	25	((16/221-392).CCLS.) and (fiber or fabric	OSEMI	2003/01/29 13:3/
) and thermoplastic		0000/01/00 10 11
-	236	((16/221-392).CCLS.) and (fiber or fabric	USPAT	2003/01/29 13:41
)		
-	211	(((16/221-392).CCLS.) and (fiber or fabric	USPAT	2003/01/29 13:37
)) not (((16/221-392).CCLS.) and (fiber		
		or fabric) and thermoplastic)		
_	86376	1	USPAT	2003/01/29 13:41
_	27	I :	USPAT	2003/01/29 13:50
		fabric) same (coat\$5 or embed\$6))	001111	2003,01,23 13.30
	1 1 1	("2687157" "3755031" "4060947"	USPAT	2003/01/29 13:46
_	11	1 '	USPAI	2003/01/29 13:46
		"4065539" "4189877" "4327474"		
		"4391303" "5336460" "5463794"		
		"5762852" "5851467").PN.		
-	1	5945053.URPN.	USPAT	2003/01/29 13:47
-	9	("4696623" "5224826" "5350614"	USPAT	2003/01/29 13:48
		"5463794" "5622336" "5639215"		
		"5945053" "5961288" "6168379").PN.		
_	3213		USOCR	2003/01/29 16:42
_		fiber or fabric	USOCR	2003/01/30 14:50
_	113		USOCR	2003/01/29 13:51
				2003/01/29 14:00
~	10	2526129.URPN.	USPAT	
-	1	thermoplastic same rubber	USOCR	2003/01/29 16:35
-	6	(thermoplastic same rubber) and hinge.ti.	USOCR	2003/01/29 16:35
-	373	(16/225).CCLS.	USPAT	2003/01/29 16:35
-	21115		USPAT	2003/01/29 16:35
-	8	((16/225).CCLS.) and (thermoplastic same	USPAT	2003/01/29 16:42
		rubber)		
-	3585	hinge.ti.	USPAT	2003/01/29 16:52
_	19	hinge.ti. and (thermoplastic same rubber)	USPAT	2003/01/29 16:46
 	0	(442/\$3.\$2).CCLS.	USPAT	2003/01/29 16:52
_	13644		USPAT	2003/01/29 16:52
_	136577		USPAT	2003/01/30 15:36
•			1	2003/01/30 13:30
_	75		USPAT	
_	1	("6149998").PN.	USPAT	2003/01/30 14:48
-	5	("4222428" "4493118" "4885820"	USPAT	2003/01/30 14:48
	I	"5336460" "5762852").PN.		
-	412575	fiber or fabric	USPAT	2003/01/30 14:51
-	5	(fiber or fabric) and (("4222428"	USPAT	2003/01/30 15:34
		"4493118" "4885820" "5336460"		
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	"5762852").PN.)		
_	3	("3131753" "3361189" "3403720").PN.	USPAT	2003/01/30 14:52
_	1	4222428.URPN.	USPAT	2003/01/30 14:53
	639		USPAT	2003/01/30 15:35
	1			
-		("3 and 10").PN.	USPAT	2003/01/30 15:35
_	130	(fiber or fabric) and	USPAT	2003/01/30 15:35
		((264/251-253).CCLS.)		0000/61/00 15 5
	136577	hinge	USPAT	2003/01/30 15:36

				· ·
-	14	((fiber or fabric) and	USPAT	2003/01/30 15:39
		((264/251-253).CCLS.)) and hinge		
-	292	(160/231.1).CCLS.	USPAT	2003/01/30 15:58
-	15	(fiber or fabric) and ((160/231.1).CCLS.)	USPAT	2003/01/30 15:58
-	7	("0333408" "0484957" "2200481"	USPAT	2003/01/30 16:00
		"2803297" "4736785" "4825921"		
		"4834160").PN.		•
-	4	5123473.URPN.	USPAT	2003/01/30 16:01
-	16	("0884067" "2025926" "2560493"	USPAT	2003/01/30 16:03
		"2719804" "2750030" "2906657"		
		"3073734" "3192097" "3391050"		
		"3996705" "4551375" "4741571"		
		"4761916" "4778215" "4799727"		
		"4885820").PN.		
-	6	5015028.URPN.	USPAT	2003/01/30 16:04
-	11	("3269043" "3460282" "3594939"	USPAT	2003/01/30 16:07
		"3608221" "3642144" "3685666"		
		"3817396" "4078325" "4194313"		
		"4233765" "4294029").PN.		·
_	21	4711046.URPN.	USPAT	2003/01/30 16:12
_	3	("3476630" "3708009" "3943022").PN.	USPAT	2003/01/30 16:16
-	10	4142931.URPN.	USPAT	2003/01/30 16:17
-	12	2241101.URPN.	USPAT	2003/01/31 09:43
_	1	("4397904").PN.	USPAT	2003/02/02 15:06